

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 CO8K3/00 CO8K3/10

C08K13/02

C08L21/00

C08K3/16 C08L23/16 C08K3/24

C08K3/34

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{ll} \mbox{Minimum documentation searched (classification system followed by classification symbols)} \\ \mbox{IPC 7} & \mbox{C08K} & \mbox{C08L} \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
X	US 2 726 224 A (PETERSON LESTER C ET AL) 6 December 1955 (1955-12-06) column 1, line 15 - column 4, line 8; claims 1-11; example VII		
X	US 4 299 931 A (CORAN AUBERT Y ET AL) 10 November 1981 (1981-11-10) column 5, line 17 - column 7, line 5 tables 1-13	1-9,11	
X	US 4 311 628 A (ABDOU-SABET SABET ET AL) 19 January 1982 (1982-01-19) column 6, line 39 - column 8, line 34 tables I,III,IV,V,VII,X,XI,XII claims 1,7,8,11,12,20-23,26,33,34,42,43 -/	1-11	

Further documents are listed in the continuation of box C.	X Patent family members are listed in annex.
Special categories of cited documents: A* document defining the general state of the art which is not considered to be of particular relevance E* earlier document but published on or after the international filing date L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O* document referring to an oral disclosure, use, exhibition or other means P* document published prior to the international filing date but later than the priority date claimed	 *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the International search report
26 October 2004	03/11/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016	Authorized officer Meiners, C



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		PCT/US2004/023203
	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/100936 A (EXXONMOBIL CHEM PATENTS INC; CHUNG DAVID Y (US); TSOU ANDY H (US); DI) 19 December 2002 (2002-12-19) page 22, line 10 - line 21 page 25, line 17 - line 20; claims 1,14,15,20,28,39,46,51,52; tables 1-5	1-10
X	WO 03/050171 A (EXXONMOBIL CHEM PATENTS INC; CHUNG DAVID Y (US); WADDELL WALTER H (US) 19 June 2003 (2003-06-19) page 21, line 25 - page 26, line 2; claims 1,3; tables 2,4,9	1-9
X	GB 912 975 A (ALBERT AG CHEM WERKE) 12 December 1962 (1962-12-12) examples	1-5,8-10
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Form PCT/ISA/210 (continuation of second sheet) (January 2004)



International Application No PCT/US2004/023203

				PC1/US	2004/023203
Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 2726224	Α	06-12-1955	BE	565690 A	
			DE	1013420 B	08-08-1957
			FR	1094097 A	11-05-1955
		ے ہے بہ حدید ہے جدیا شدہ شاہ	GB	733138 A	06-07-1955
US 4299931	Α	10-11-1981	AU	542125 B2	07-02-1985
			ΑU	6817581 A	17-09-1981
			BR	8101341 A	15-09-1981
			CA	1153146 A1	30-08-1983
			CA	1153147 A2	30-08-1983
			DE	3171975 D1	03-10-1985
			EP	0036279 A2	23-09-1981
			ES	8404390 A1	16-07-1984
			JP	1771431 C	30-06-1993
			JP	4048817 B	07-08-1992
			JP	56143233 A	07-11-1981
			JP US	2132126 A	21-05-1990
				4355139 A	19-10-1982
US 4311628	Α	19-01-1982	AR	219136 A1	31-07-1980
			AU	523072 B2	08-07-1982
			AU	4142578 A	17-05-1979
			BG BR	36637 A3 7807351 A	16-12-1984
			CA	1124917 A1	24-07-1979 01-06-1982
			DE	2848448 A1	10-05-1982
			ES	474870 A1	01-04-1980
			FR	2408632 A1	08-06-1979
			GB	2007683 A ,B	23-05-1979
			IL	55902 A	30-04-1982
			IN	150497 A1	23-10-1982
			IT	1100929 B	28-09-1985
			JP	1210216 C	29-05-1984
			JP	54099156 A	04-08-1979
			JP	58046138 B	14-10-1983
			MX	4142 E	06-01-1982
			MX	149404 A	03-11-1983
			NL	7811054 A ,B,	11-05-1979
			PL	210789 A1	13-08-1979
			SU SU	1531860 A3	23-12-1989
			ZA	1105119 A3 7806298 A	23-07-1984 31-10-1979
				/000Z30 K	21-10-13/3
WO 02100936	Α	19-12-2002	CA	2448615 A1	19-12-2002
			CA	2449075 A1	19-12-2002
			EP	1404749 A1	07-04-2004
			EP	1401933 A1	31-03-2004
			JP	2004530034 T	30-09-2004
			JP	2004530035 T 02100935 A1	30-09-2004
			WO WO	02100935 A1 02100936 A1	19-12-2002 19-12-2002
			WU	05100330 WI	13-12-2002
WO 03050171	Α	19-06-2003	CA	2467920 A1	19-06-2003
	Α	19-06-2003	CA	2468636 A1	03-07-2003
	A	19-06-2003	CA CA	2468636 A1 2469348 A1	03-07-2003 19-06-2003
	A	19-06-2003	CA CA EP	2468636 A1 2469348 A1 1463763 A1	03-07-2003 19-06-2003 06-10-2004
WO 03050171	A	19-06-2003	CA CA	2468636 A1 2469348 A1	03-07-2003 19-06-2003



In ational Application No
PCT/US2004/023203

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 03050171	А		WO WO	03050149 A1 03054032 A1 03050171 A2	19-06-2003 03-07-2003 19-06-2003
GB 912975	A	12-12-1962	DE CH FR NL NL US	1167016 B 404953 A 1260493 A 122052 C 250167 A 3189567 A	02-04-1964 31-12-1965 15-06-1965